CLAIM

1. In a wireless communication system supporting a broadcast service, a method comprising:
transmitting a broadcast session on a broadcast transmission channel; and
transmitting broadcast overhead information with the broadcast session on the broadcast transmission channel.

2. The method as in claim 1, wherein the broadcast overhead information is a session description protocol message containing information for processing the broadcast session, and wherein the session description protocol message is interleaved with broadcast content of the broadcast session.

3. A communication signal transmitted on a carrier wave, the signal comprising:
a broadcast session portion; and
a session description protocol message (SDP message) interleaved with the broadcast session portion, wherein the SDP provides information for processing the broadcast session.

4. The communication signal as in claim 3, wherein the signal is transmitted via a broadcast transmission channel.

5. In a wireless communication system supporting a broadcast service, a method comprising:
receiving a session description protocol (SDP) message corresponding to the broadcast session on the broadcast channel;
accessing a broadcast session on a broadcast channel; and
processing the broadcast session using the SDP message.

6. The method as in claim 5, wherein the SDP message is interleaved with broadcast content of the broadcast session.

7. A wireless apparatus, comprising:
means for receiving a broadcast service parameter message corresponding to a broadcast session;
means for receiving an SDP corresponding to the broadcast session; and
means for processing the broadcast session using the SDP.

8. The apparatus as in claim 7, further comprising:
means for receiving header compression information.

9. The apparatus as in claim 7, further comprising:
memory storage adapted to store the SDP corresponding to a plurality of broadcast sessions, wherein the SDP of each of the plurality of broadcast sessions is updated when the corresponding broadcast session is accessed.

10. The apparatus as in claim 9, wherein the memory storage is a cache memory.

11. The apparatus as in claim 9, wherein the memory storage is a look up table.

12. A method for indicating broadcast session protocol, comprising:
multiplexing an information identifying a broadcast session protocol with a content of the broadcast session to provide a broadcast stream; and
transmitting the broadcast stream on a broadcast transmission channel.

13. The method as claimed in claim 12, wherein said multiplexing a broadcast session protocol with a content of the broadcast session comprises:

multiplexing a broadcast session protocol with a content of the broadcast session at the content server.

14. The method as claimed in claim 12, wherein said multiplexing an information identifying a broadcast session protocol with a content of the broadcast session to provide a broadcast stream comprises:
multiplexing an information identifying a broadcast session protocol with a content of the broadcast session periodically.

15. The method as claimed in claim 14, wherein said multiplexing the information identifying a broadcast session protocol with a content of the broadcast session periodically comprises:
multiplexing an information identifying a broadcast session protocol with a content of the broadcast session periodically with a frequency of multiplexing a short-term encryption key.

16. The method as claimed in claim 12, said multiplexing an information identifying a protocol description of a broadcast session with a content of the broadcast session to provide a broadcast stream comprises:
multiplexing a broadcast session description protocol with a content of the broadcast session to provide a broadcast stream in accordance with a bandwidth condition.

17. The method as claimed in claim 16, wherein said multiplexing a broadcast session protocol with a content of the broadcast session to provide a broadcast stream comprises:
multiplexing a broadcast session protocol with a content of the broadcast session when the broadcast content bandwidth is low.

18. The method as claimed in claim 12, wherein said multiplexing a broadcast session protocol with a content of the broadcast session to provide a broadcast stream comprises:
multiplexing a broadcast session description identifier with a content of the broadcast session to provide a broadcast stream.

19. A method indicating broadcast session protocol, comprising:
receiving a broadcast stream;
determining an information identifying a broadcast session protocol in accordance with said received broadcast stream; and
processing the broadcast stream in accordance with said determined information if a receiving station contains the broadcast session protocol.

20. The method as claimed in claim 19, wherein said processing the broadcast stream in accordance with said determined information if a receiving station contains the broadcast session protocol comprises:
retrieving the broadcast session protocol from a storage media at the receiving station; and
processing the broadcast stream in accordance with said retrieved broadcast session protocol.

21. The method as claimed in claim 19, further comprising:
retrieving the broadcast session protocol from a content server if the receiving station does not contain the broadcast session protocol; and
processing the broadcast stream in accordance with said retrieved broadcast session protocol.

22. The method as claimed in claim 19, wherein said determining an information identifying a broadcast session protocol in accordance with said received broadcast stream comprises:
determining a broadcast session description identifier of a broadcast session in accordance with said received broadcast stream.

23. A method for indicating broadcast session protocol, comprising:
multiplexing an information identifying a broadcast session protocol with a content of the broadcast session to provide a broadcast stream; and

providing the broadcast stream for transmission.

24. The method as claimed in claim 23, wherein said multiplexing a broadcast session protocol with a content of the broadcast session comprises:

multiplexing a broadcast session protocol with a content of the broadcast session at a content server.

25. The method as claimed in claim 23, wherein said multiplexing an information identifying a broadcast session protocol with a content of the broadcast session to provide a broadcast stream comprises:

multiplexing an information identifying a broadcast session protocol with a content of the broadcast session periodically.

26. The method as claimed in claim 25, wherein said multiplexing an information identifying a broadcast session protocol with a content of the broadcast session periodically comprises:

multiplexing an information identifying a broadcast session protocol with a content of the broadcast session periodically with a frequency of multiplexing a short-term encryption key.

27. The method as claimed in claim 23, said multiplexing an information identifying a protocol description of a broadcast session with a content of the broadcast session to provide a broadcast stream comprises:

multiplexing a broadcast session description protocol with a content of the broadcast session to provide a broadcast stream in accordance with a bandwidth condition.

28. The method as claimed in claim 27, wherein said multiplexing a broadcast session protocol with a content of the broadcast session to provide a broadcast stream comprises:

multiplexing a broadcast session protocol with a content of the broadcast session when the broadcast content bandwidth is low.

29. The method as claimed in claim 23, wherein said multiplexing a broadcast session protocol with a content of the broadcast session to provide a broadcast stream comprises:
multiplexing a broadcast session description identifier with a content of the broadcast session to provide a broadcast stream.

30. The method as claimed in claim 29, wherein multiplexing a broadcast session description identifier with a content of the broadcast session to provide a broadcast stream comprises:
forming an information element comprising the broadcast session description identifier; and
multiplexing the information element with a content of the broadcast session to provide a broadcast stream.

31. The method as claimed in claim 23, wherein said providing the broadcast stream for transmission comprises:
assigning each unit of the broadcast stream a sequence number.

32. The method as claimed in claim 31, further comprising:
delivering each of the units through a media not guaranteeing in-sequence delivery; and
re-ordering the delivered units in accordance with the sequence numbers.

33. The method as claimed in claim 23, wherein said providing the broadcast stream for transmission comprises:
establishing a generic routing encapsulation tunnel through a media not guaranteeing in-sequence delivery.

34. A method for indicating a broadcast session protocol, comprising:
receiving a broadcast stream;
determining an information element in accordance with said received broadcast stream; and

processing the broadcast stream in accordance with said determined information element.

35. The method as claimed in claim 34, wherein said determining the information element comprises determining a broadcast session protocol, and wherein said processing the broadcast stream in accordance with said determined information element comprises processing the broadcast stream in accordance with the broadcast session protocol.

36. The method as claimed in claim 34, wherein said determining the information element comprises determining a broadcast session description identifier, and wherein said processing the broadcast stream in accordance with said determined information element comprises:

processing the broadcast stream in accordance with a broadcast session protocol corresponding to the broadcast session description identifier.

37. The method as claimed in claim 36, wherein said processing the broadcast stream in accordance with a broadcast session protocol further comprises:

requesting the broadcast session protocol from a content server if a receiving station does not contain the broadcast session protocol.

38. The method as claimed in claim 37, further comprising:

retrieving the broadcast session protocol from a storage media at the receiving station if the receiving station contains the broadcast session protocol.

39. A method for indicating broadcast session protocol, comprising:

multiplexing an information allowing a broadcast session processing with a content of a broadcast session to produce a broadcast stream;

and

transmitting the broadcast stream on a broadcast transmission channel.

40. The method as claimed in claim 39, wherein said multiplexing an information allowing a broadcast session processing with a content of a broadcast session to produce a broadcast stream comprises:

multiplexing a broadcast session protocol with a content of a broadcast session before the broadcast session protocol change; and

multiplexing information identifying a broadcast session protocol with a content of the broadcast session after the broadcast session protocol change.

41. The method as claimed in claim 39, wherein said multiplexing an information allowing a broadcast session processing with a content of a broadcast session to produce a broadcast stream comprises:

multiplexing an information allowing a broadcast session processing with a content of a broadcast session to produce a broadcast stream at the content server.

42. The method as claimed in claim 39, wherein said multiplexing an information allowing a broadcast session processing with a content of a broadcast session to produce a broadcast stream comprises:

multiplexing an information allowing a broadcast session processing with a content of a broadcast session periodically.

43. The method as claimed in claim 42, wherein said multiplexing an information allowing a broadcast session processing with a content of a broadcast session periodically comprises:

multiplexing an information allowing a broadcast session processing with a content of a broadcast session with a frequency of multiplexing a short-term encryption key.

44. The method as claimed in claim 39, wherein said multiplexing an information allowing a broadcast session processing with a content of a broadcast session to produce a broadcast stream comprises:

multiplexing an information allowing a broadcast session processing with a content of a broadcast session in accordance with bandwidth condition.

45. The method as claimed in claim 44, wherein said multiplexing an information allowing a broadcast session processing with a content of a broadcast session in accordance with bandwidth condition comprises:

multiplexing an information allowing a broadcast session processing with a content of a broadcast session when the broadcast content bandwidth is low.

46. The method as claimed in claim 39, wherein said multiplexing an information allowing a broadcast session processing with a content of a broadcast session to produce a broadcast stream comprises:

multiplexing a broadcast session description identifier with a content of the broadcast session.

47. A method indicating broadcast protocol options, comprising:

receiving a broadcast stream;

determining an information allowing a broadcast session processing in accordance with said received broadcast stream; and

processing the broadcast stream in accordance with said determined information.

48. The method as claimed in claim 47, wherein said processing the broadcast stream in accordance with said determined information comprises:

processing the broadcast stream in accordance with said determined information if said determined information comprises the broadcast session protocol.

49. The method as claimed in claim 47, wherein said processing the broadcast stream in accordance with said determined information comprises:

processing the broadcast stream in accordance with said determined information if said determined information comprises the broadcast session description identifier and a receiving station contains the broadcast session protocol.

50. The method as claimed in claim 49, wherein said processing the broadcast session in accordance with said determined information if a receiving station contains the broadcast session protocol comprises:

retrieving the broadcast session protocol from a storage media at the receiving station; and

processing the broadcast session in accordance with said retrieved broadcast session protocol.

51. The method as claimed in claim 49, further comprising:

retrieving the broadcast session protocol from a content server if said determined information comprises the broadcast session description identifier and the receiving station does not contain the broadcast session protocol; and

processing the broadcast session in accordance with said retrieved information.